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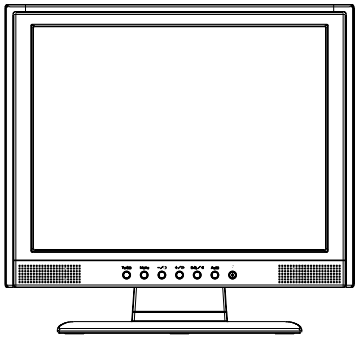
PRODUCT

Product Outline

- The LCD monitor and the stand.



Accessory

All of accessories have been tested and qualified. Do not use any non-qualified accessories with this LCD monitor.

- DC Adapter.(UP04081120 or UP04081120A or DA-60F12-AA).
- Power Cord.
- 15-pin D-Sub Signal Cable.
- Audio Cable.
- Warranty Card.
- User Manual.

Note：Save the original box and packing material for future shipping needs.

SAFETY

Note: Please note the following safety precaution before using this monitor.

Electrical

- To prevent electrical shock, do not touch the interior of the LCD monitor. Only a qualified technician should open the casing of monitor.
- While pulling the LCD monitor plug away from the socket on the wall, hold the plug not the power cord.
- Do not expose the LCD monitor in the rain or near water (such as in the kitchen, near the pool).
- If the LCD monitor functions improperly, especially when making unusual noise or spreading strange odor, unplug immediately and contact service center.

Common

- Avoid touching the screen with your fingers or any tough objects. Oil from the skin is difficult to remove, and tough objects will make the scrape.
- The LCD monitor should be placed in areas with low humidity and less dust. Note moisture-proof and ventilation.
- The LCD monitor shall be kept away from heat sources and irradiation. For example: kitchen, oven or direct sunlight and etc.
- Place the LCD monitor away form the child in order to avoid any accident, or make sure the LCD monitor is steady.
- Please notice the capacity of weight and the level when placing and adjusting the LCD monitor.

Clean

- Never spray or pour any liquid directly onto the screen or case.
- Avoid water or and liquid permeating into the LCD monitor or accessories.
- To clean your LCD monitor screen, use Pure water or non-ammonia, non-alcohol based glass cleaner, as above, to gently moist a soft, clean cloth.

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SET UP YOUR LCD MONITOR

English

Installation

Note: Please read last section " Safety" before you install the LCD Monitor.

Notes

Please note the instruction below prior to installing your LCD monitor.

Installation Position

- Choose a position where the reflection of light is minimal and away from a window for maximizing the quality of the screen image.
- It is important to keep 30 cm between the LCD monitor to minimize eyestrain.

Workstation Height

- Position the LCD monitor slightly above your horizontal vision as you are sitting.

Angle of Vision

- Tilt either forward or backward for the most comfortable viewing angle.

Quick Installation

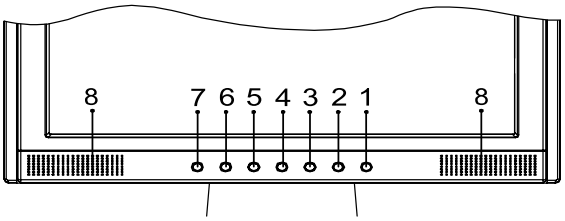
The setup steps are described as following: (Step 2 to 4 are illustrated on the overleaf of the cover.)

1. Shutdown your computer and unplug.
2. Please combine the LCD monitor with the stand tightly
3. Connect the 15-pin D-Sub signal cable and Audio cable to the computer and the LCD monitor.
4. Connect the LCD monitor power cord to DC adapter, and connect the adapter socket to DC power input socket to the computer firmly and completely.
5. After installation, please turn on the LCD monitor and the computer, respectively.
6. About function adjustment and troubleshooting, please refer to the content of the next section.

OSD Control

Because of the convenient design of OSD (On Screen Display), you can adjust your monitor by the keypads in the front of the monitor.

Keypad Button Definition



1. Power Switch/ Power Indicator:

   LED mode:

   - Green: normal
   - Orange: power saving
   - Off: power off

2. Auto: Auto Setup
3. Exit/ Volume
4. ┼/ Brightness
5. —/ Contrast
6. Menu
7. Turbo
8. Speakers

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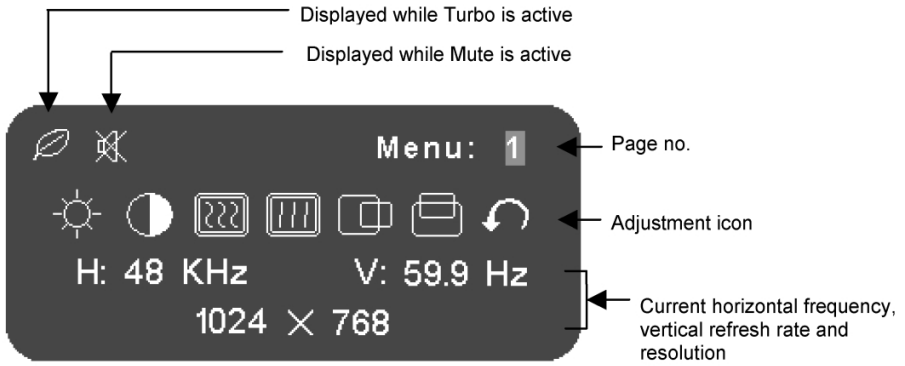
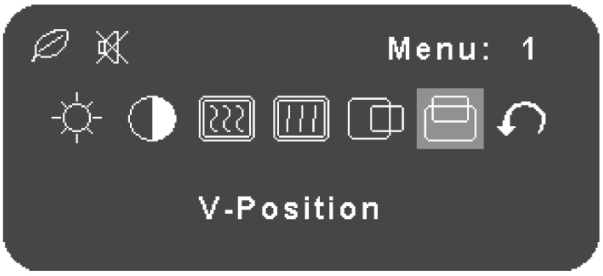
Operate Explanation

- Press the Menu Button to start the On Screen Display feature. There are additional Menu pages which can be switched by using the +/–Buttons.



- Select the Menu page that contains the adjustment icon relating to the adjustment you want to make. Press the Menu Button again. Then, use the +/– Buttons to highlight the desired adjustment icon. Press the Menu Button again.
- Use the +/–Buttons to make the appropriate adjustment or setting.
- For example, to correct for vertical position, select Menu page number 1 and then press the Menu Button. Then, select (V-Position) by using the +/– Buttons.



- An adjustment scale appears after you press the Menu Button. Use the +/– Buttons to change the vertical position settings. The vertical position of the overall display should be changing accordingly while you are doing this.

Notes

- The On Screen Display disappears several seconds after you stop pressing the buttons while performing an adjustment.
- Any changes are automatically saved in the memory when the On Screen Display disappears. Turning off the power should be avoided while using the Menu.
- Adjustments for Clock, Phase and Position are saved for each signal timing. Except for these adjustments, all other adjustments have only one setting which applies to all signal timings.

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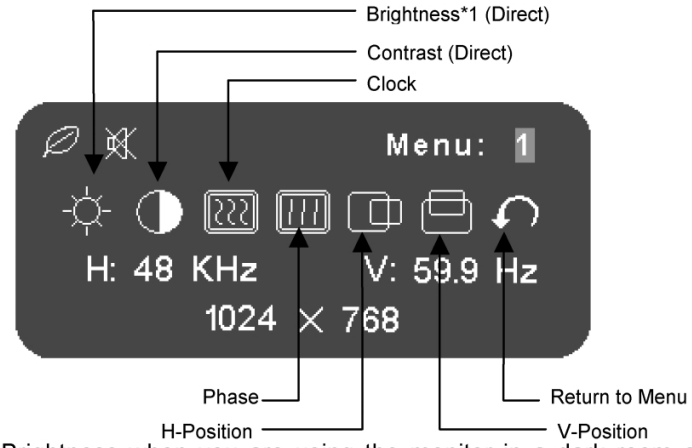
Adjust Menu contents

Pressing [+] , [-] or [Menu] buttons for the adjustment when the OSD is executed.

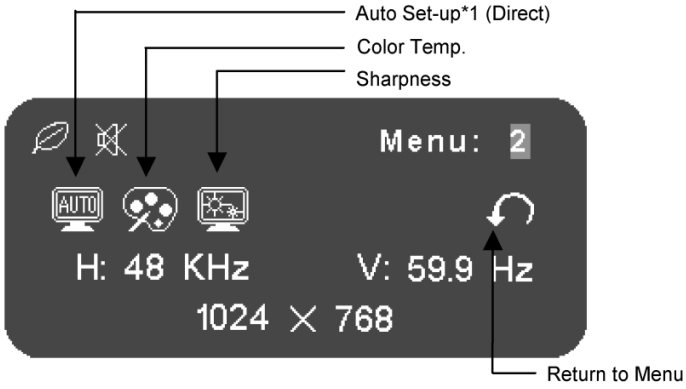
Menu: 1



*1 Adjust the Brightness when you are using the monitor in a dark room and feel the screen is too bright.

Note: SWITCHING BRIGHTNESS /CONTRAST ADJUSTMENT:
To switch between Brightness and Contrast adjustments, press the Menu Button within 10 seconds after pressing the Brightness Button or the Contrast Button during the direct adjustments above.

Menu: 2



*1 For best results, use the Auto Set-up in conjunction with the adjustment pattern. And the screen becomes dark for approximately five seconds during the adjustment.

Note:

- Auto Set-up Setting:
  - No: The Auto Set-up is not performed when the signal input is changed.
  - Yes: Adjust Clock and Phase automatically when the signal input is changed.
- Color Temp.: Color 1: 9300K; Color 2: 7500K; Color 3: 6500K; sRGB: User
  - sRGB is an international standard which defines and unifies the difference of color appearance between equipment.
- Sharpness: Adjust the picture quality at resolutions of less than 1024 × 768. You can change the picture quality from 1 to 5 (sharp to soft). Press the + Button to change the picture quality in numerical order. Press the – Button to change the picture quality in reverse numerical order.

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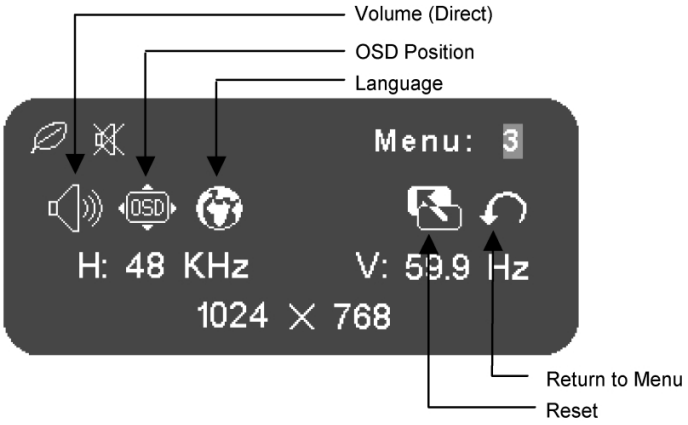
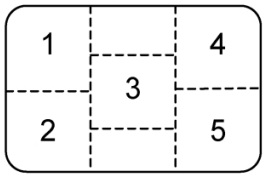
Menu: 3



Note:

- OSD Position: You can move the OSD display area to any one of the following 5 positions within the overall display:



  Press the + Button to move the OSD in numerical order. Press the – Button to move the OSD in reverse numerical order.

- Language: Eng: English; Dth: German; Fns: French; Ity: Italian; Epl: Spanish; Jpn: Japanese; T-C: Tranditional Chinese; S-C: Simplified Chines

Direct

You can skip the Menu pages and display an adjustment scale directly by using the following button operations:

- Brightness: Press the Brightness Button when the Menu is not displayed.
- Contrast: Press the Contrast Button when the Menu is not displayed.
- Auto Set-up: Press the Auto Button when the Menu is not displayed.
- Volume: Press the Volume Button when the Menu is not displayed. When OSD menu is off, holding this button for 1-2 seconds will switch the Mute function between ON and OFF.
- Turbo:
  - Pct: Picture Mode (High brightness)
  - Text: Text Mode (Normal)
  - Eco Economy (Brightness of back-light is reduced)
  - Changing to a lower brightness mode can lessen eye fatigue.
  - Change from Picture Mode to Text Mode when working with text.
  - Change from Text Mode to Economy Modes when viewing the screen for long periods.

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Screen Adjustments

Auto Set-up

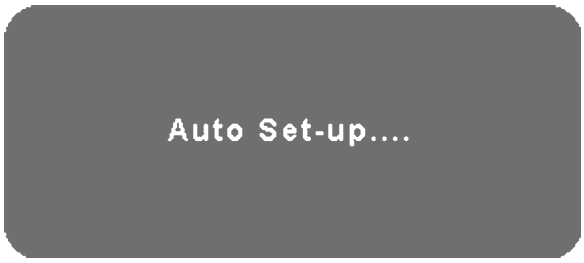
Though your computer system can identify the new LCD monitor system, the Auto Set-up function can be as to enhance the display. To enter adjust mode in OSD menu, please refer to “OSD Control”.

- Turn the computer and LCD monitor on.
- Press ‘Auto’ button to start Auto Set-up OSD.
- The LCD monitor will start the Auto Set-up process automatically for lasting 10 seconds, and you will notice the image change as the Auto Set-up is working.

Self Test Function Check (STFC):

- Your LCD monitor provides an STFC function, through STFC you can check whether the LCD monitor functions are working properly.
- If your LCD monitor is properly connected, but there is no image showing and the indicator light keeps flashing, please follow the steps below to start STFC.
  - Shutdown computer and LCD monitor.
  - Unplug the 15-pin D-Sub signal connector from the back of computer.
  - Turn the LCD monitor on.

If the LCD monitor functions properly, you will see the screen.



If the image connector is disconnected or damaged, the image shown on following figure will also appear during normal operation.

- Turn off the LCD monitor and reconnect 15-pin D-sub signal cable, and then turn the computer and LCD monitor on.

- If the LED of the LCD monitor keeps orange color after completing the steps above, please check your VGA card and computer system. Your monitor should be functioned properly.

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Appendix

Plug & play

- The new **VESA Plug and Play** function is used which eliminates the complicated and time-consuming installation process. You can use the **Plug and Play** system without encountering usual installation problems. Your computer system can easily identify and automatically adjust the monitor.
- The LCD Monitor uses **Display Data Channel (DDC)** to send **Extended Display Identification Data (EDID)** to the computer system, so the computer system can be set to monitor auto adjust.

Power saver

- Power control system, also called **(Power Saver)**, is installed inside the LCD Monitor.
- If the monitor has not been used for a certain period of time, the system will turn the monitor to low voltage mode to save power. Slight moving or any click will return to the original image.
- The VGA card inside the computer handles ***Power Saver***. You can use computer software to set the function.
- The LCD Monitor is compatible with EPA ENERGY STAR and NÜTEK if used with a VESA DPMS computer.
- To save power, turn off the power of the LCD monitor when not in use.

TROUBLE SHOOTING

Check the information in this section to see if the problems can be solved before requesting repair.

Note : The consumers are only allowed to solve the problems described as below. Any unauthorized product modification, or failure to follow instructions supplied with the product will end the warranty immediately.

No image	◆ Make sure power button is ON. ◆ Check whether the LCD monitor and computer power cords are plugged and whether there is a supply of power.
No Signal Input	◆ Check the signal connection between the computer and LCD monitor.
“Out Of Range”	◆ Check the computer image output resolution and frequency and compare the value with the preset values (Please refer to [Appendix-Display Mode]).
Fuzzy image	◆ Adjust Phase.
Image too bright **Image too dark**	◆ Adjust brightness and contrast by OSD.
Irregular image	◆ Check the signal connection between the computer and LCD monitor. ◆ Perform Auto Adjust.
Distorted image	◆ Reset the LCD monitor ◆ Take off extra accessories (such as signal extension cord).
Image is not centered **Size is not appropriate**	◆ Use OSD Image Menu to adjust H_Position and V_Position. ◆ Check image size setting. ◆ Perform Auto Adjust.
Uneven color **Color too dark** **Dark area distorted** **White color is not white**	◆ Use OSD Color Menu to adjust color setting.
Can’t adjust LCD monitor with the buttons in the front. **The other problem**	◆ Please contact assign agency or repair service center.

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SPECIFICATIONS

Panel	Display	Diagonal 380.1mm (15 inch) LCD Monitor
	Max. Resolution	1,024 × 768 / XGA
	Max. Colors	16.2M Colors
	Pixel Size	Horizontal 0.297mm × Vertical 0.297mm
	Brightness	350 cd/m^2
	Contrast	450 : 1
	Viewing Angle	Horizontal 120 degree / Vertical 110 degree
	Effective Screen	Horizontal 304.1±3mm × Vertical 228.1±3mm
Input	Signal Input	Video Signal : 0.7Vpp，75Ω (Separate Synchronization and Composite Synchronization)
	Sync. Frequency	Horizontal 28kHz~63kHz × Vertical 56Hz~78Hz
	Max. Pixel Clock	78.75MHz
Input Type	Video	D-Sub 15 PIN (VESA)
DC Adapter		AC100~240Volts, 60 /50 ±3 Hz
Power Consumption		Operation mode 33 W / Stand-by 3 W
Environment Requirement	Temperature	5℃ ~ 35℃ (Working) / -20℃ ~ 60℃ (Storage)
	Humidity	20% ~ 80% (Working) / 5% ~ 85% (Storage)
Size (W x H x D)		365.48mm x 339.9mm x 181.0mm
Weight		2.6 kg

DISPLAY MODE ◆

If the signals are different, please refer to your computers Video Card User Guide for adjustment because the screens will not display or only the LED will light.

Display Mode	Hori. Sync. (kHz)	Vert. Sync. (Hz)	Pixel Clock (MHz)	Sync. Polarity (H/V)
640 x 350	31.469	**70.087**	25.175	+/-
720 x 400	31.469	**70.087**	28.322	-/+
640 x 480	31.469	**59.940**	25.175	-/+
	37.800	**72.800**	31.500	-/-
	37.500	**75.000**	31.500	-/+
800 x 600	35.100	**56.200**	36.000	-/+
	37.800	**60.300**	40.000	+/+
	48.000	**72.100**	50.000	+/+
	46.875	**75.000**	49.500	+/+
832 x 624	49.700	**74.500**	58.284	-/-
1024 x 768	48.363	**60.004**	65.000	-/-
	56.400	**70.000**	75.000	+/+
	60.023	**75.029**	78.750	+/+

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